ELSEVIER

Volume 188, Issues 1–3, 1 April 2004

JOURNAL OF PURE AND APPLIED ALGEBRA

www.elsevier.com/locate/jpaa

CONTENTS

Abstracted/Indexed in: Current Contents: Physical, Chemical & Earth Sciences, Mathematical Reviews, PASCAL, Science Citation Index, Zentralblatt für Mathematik.

A. Abdollahi
Left 3-Engel elements in groups 1

J.N.A. Álvarez, J.M.F. Vilaboa, R.G. Rodríguez, M.P.L. López, E.V. Novoa
Π-twist and orientability in braided categories 7

G. Berhuy
On the set of discriminants of quadratic pairs 33

N.P. Byott
Hopf–Galois structures on Galois field extensions of degree pq 45

J. Du, Z. Lin
Stratifying algebras with near-matrix algebras 59

N.V. Dung, J.L. García
Copure semisimple categories and almost split maps 73

R. Ferraro
Linkage on arithmetically Cohen–Macaulay schemes with application to the classification of curves of maximal genus 95

T.J. Ford
Division algebras that ramify only on a plane nodal cubic curve plus a line 117

K.J. Horadam
The shift action on 2-cocycles 127

T. Ito, P. Terwilliger
The shape of a tridiagonal pair 145

M.A. Jackson
A quotient of the set $[BG, BU(n)]$ for a finite group G of small rank 161

M.S. Molina
Algebras of quotients of Lie algebras 175

L. Pernazza
Algebraic and analytic finite spaces of orderings 189

V. Powers
Positive polynomials and the moment problem for cylinders with compact cross-section 217

G. Puninski
Projective modules over the endomorphism ring of a biuniform module 227

F. Thaine
Cyclic polynomials and the multiplication matrices of their roots 247

P. Zanardo
Intersections of powers of a principal ideal and primality 287

W. Zhao
Some reductions on Jacobian problem in two variables 305

Author Index Volume 188 321

Also available on

SCIENCE DIRECT®

www.sciencedirect.com

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at:
http://contentsdirect.elsevier.com

0022-4049(20040401)188:1-3;1-Y

Keep track of recently published papers via the journal's home page on the WWW:
http://*www.elsevier.com/locate/jpaa*